

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



26 SEP 2004

118 BELLDUSK IS BIORRY ARTHOU 1981 I ST INT BELTAL CRIMA CHAI BBOOK TOLDI BLIM BERDEKI 1868 HADI DA

(43) International Publication Date 9 October 2003 (09.10.2003)

PCT

(10) International Publication Number WO 03/083085 A2

(51) International Patent Classification7:

- (21) International Application Number: PCT/US03/09797
- (22) International Filing Date: 27 March 2003 (27.03.2003)
- (25) Filing Language:

English

C12N

(26) Publication Language:

English

(30) Priority Data:

60/368,840 60/375,637 28 March 2002 (28.03.2002) US 26 April 2002 (26.04.2002) US

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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

03/083085

(54) Title: TRANSPORTERS AND ION CHANNELS

(57) Abstract: Various embodiments of the invention provide human transporters and ion channels (TRICH) and polynucleotides which identify and encode TRICH. Embodiments of the invention also provide expression vectors, host cells, antibodies, agonists, and antagonists. Other embodiments provide methods for diagnosing, treating, or preventing disorders associated with aberrant expression of TRICH.